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In Re Patent Application
WACHTFOGEL et al. - NDS Technologies Israel Ltd.
ADVANCED TELEVISION SYSTEM
SN 09/515,118; Filed February 24, 2000

PATENT
78746
GTS/cb
June 21, 2000

Information Disclosure Statement; Form PTO -1449; Cited References; and
Postcard

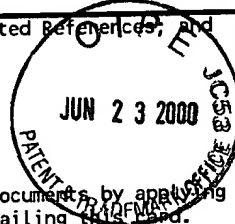
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Respectfully submitted,

WELSH & KATZ, LTD.



78746



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application Of

Wachtfogel et al.

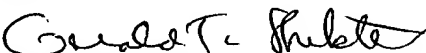
Serial No.: 09/515,118

Filing Date: February 28, 2000

For: **ADVANCED TELEVISION SYSTEM**

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) Patents / Washington, DC 20231, on this date

) Date: June 21, 2000

) 
) Gerald T. Shekleton, Reg. No. 27,466

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.97, a list of documents is disclosed on the attached Form PTO-1449 that may be material to the examination of this application. The listed Documents are US patents, foreign patents and other cited documents and are enclosed herewith.

Documents for which the supplied date of publication lists the year of publication without the month were published sufficiently earlier than the effective U.S. filing date and any foreign priority date, so that the particular month of publication is not in issue. Pursuant to §609 of the MPEP, it is understood that the month of publication is not required when the particular month of publication is not in issue.

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Serial No. 09/515,118

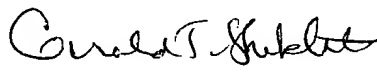
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WELSH & KATZ, LTD.

By 

Gerald T. Shekleton
Registration No. 27,466

Dated: June 21, 2000

Welsh & Katz, Ltd.

120 South Riverside Plaza, 22nd Floor

Chicago, Illinois 60606

Telephone: 312/655-1500

Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 78746	Serial No. 09/515,118		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al			
				Filing Date February 24, 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,080,626	03/1978	Hurst et al.			
		4,272,787	06/1981	Michael et al.			
		4,488,179	12/1984	Kruger et al.			
		4,706,121	11/1987	Young			
		4,768,095	08/1988	Wada et al.			
		4,774,582	09/1988	Hakamada et al.			
		4,777,531	10/1988	Hakamada et al.			
		4,924,732	05/1990	Hoskins et al.			
		5,038,211	09/1991	Hallenbeck			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
		2210526	06/1989	GB			Yes No
		96/33579	10/1996	WO			Yes No
		96/37058	11/1996	WO			Yes No
		97/27705	07/1997	WO			Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Gilbert et al., <i>The Role of Intelligent Agents in the Information Infrastructure</i> www.raleigh.ibm.com/iagptc2.html					
		John Maissel, <i>Double Agent Infopack: A Collection of Papers Relating to Phillip's Double Agent System</i> , May 1998					
		Karin Petersen, <i>Tcl/Tk for a Personal Digital Assistant</i> , October 1994, Usenix, Very High Languages, Symposium Proceedings Mexico, pp41-55,					
		The Digital Audio-Visual Council, Bethesda, <i>Applications for Home Storage Based Systems</i> , May 11-13 1998, Source: Applications TC					
		Gessler et al., <i>PDAS as Mobile WWW Browsers, 1995, Computer Networks and ISDN Systems</i> , Vol. 28, pp53-59					
		Matsukura et al., <i>Multimedia Notebook: Information Capturing Technologies for Portable Computers</i> , October 1995, IEICE Trans Commun., Vol. E78-B. NO. 10, pp.1381-1385					
Examiner				Date Considered			
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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,046,093	09/1991	Wachob			
		5,189,517	02/1993	Ohara			
		5,191,423	03/1993	Yoshida			
		5,323,240	06/1994	Amano et al.			
		5,390,027	02/1995	Henmi et al.			
		5,396,545	03/1975	Nair et al.			
		5,410,326	04/1995	Goldstein			
		5,410,344	04/1995	Graves et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
		97/29592	08/1997	WO			Yes No
		97/48230	12/1997	WO			Yes No
		97/50250	12/1997	WO			Yes No
		98/16062	04/1998	WO			Yes No
		99/03275	01/1999	WO			Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		Kato et al., <i>A Portable Communication Terminal for Novices and its User Interface Software</i> , October 1995, IEICE Trans Commun., Vol. E78-B. NO. 10, pp.1387-1393					
		Angus et al., <i>Embedding the Second Interaction Metaphor in a Real 3D Virtual Environment</i> , 1995, SPIE Vol. 2409 pp. 282-293					
		Fah-Chun Cheong, <i>Internet Agents: Spiders, Wanderers, Brokers, 'Bots</i> , 1996, pp. 4-35,387-390					
		EJ Persoon, <i>Smash- A Concept for Advanced Use of Storage in the Home</i> , XP-002117666					
		MP Ceccarelli, <i>Metadata for Broadcasting</i> , February 1998, MPEG-7 Workshop ACM9, Brussels					
		IBM Corporation Home Page, <i>Intelligent Agents</i> , www.raleigh.ibm.com/iag/iaghome.html					
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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,436,676	07/1995	Pint et al.			
		5,444,499	08/1995	Saitoh			
		5,446,488	09/1995	Vogel			
		5,465,113	11/1995	Gilboy			
		5,481,752	01/1996	Suzuki et al.			
		5,483,278	01/1996	Strubbe et al.			
		5,488,571	01/1996	Jacobs et al.			
		5,515,106	05/1996	Chaney et al.			
		5,517,187	05/1996	Bruwer et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	<div style="text-align: center;">Translation</div> <div style="display: flex; justify-content: space-between;"> Yes No </div>
		99/03275	01/1999	WO			
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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,519,448	05/1996	Nagasawa et al.			
		5,526,401	06/1996	Roach, Jr. et al.			
		5,530,469	06/1996	Garfinkle			
		5,535,147	07/1996	Jacobs et al.			
		5,539,449	07/1996	Blahut et al.			
		5,556,107	09/1996	Carter			
		5,561,708	10/1996	Remillard			
		5,561,709	10/1996	Remillard			
		5,564,088	10/1996	Saitoh			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
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Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
		5,566,069	10/1996	Clark, Jr. et al.				
		5,583,560	12/1996	Florin et al.				
		5,585,865	12/1996	Amano et al.				
		5,585,858	12/1996	Harper et al				
		5,619,250	04/1997	McClellan et al.				
		5,619,251	04/1997	Kuroiwa et al.				
		5,621,473	04/1997	Hill				
		5,621,456	04/1997	Florin et al.				
		5,623,690	04/1997	Palmer et al.				
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U.S. PATENT DOCUMENTS

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	5,629,733	05/1997	Youman et al.			
	5,635,978	06/1997	Alten et al.			
	5,635,989	06/1997	Rothmuller			
	5,654,747	08/1997	Ottesen et al.			
	5,657,072	08/1997	Aristides et al.			
	5,666,645	09/1997	Thomas			
	5,671,226	09/1997	Murakami et al.			
	5,675,390	10/1997	Schindler et al.			
	5,675,524	10/1997	Bernard			

FOREIGN PATENT DOCUMENTS

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							Yes	No

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U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,701,383	12/1997	Russo et al.			
		5,708,840	01/1998	Kikinis et al.			
		5,721,815	02/1998	Ottesen et al.			
		5,721,878	02/1998	Ottesen et al.			
		5,727,060	03/1998	Young			
		5,728,998	03/1998	Novis et al.			
		5,737,527	04/1998	Shiels et al.			
		5,751,883	05/1998	Ottesen et al.			
		5,752,244	05/1998	Rose et al.			
FOREIGN PATENT DOCUMENTS							
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		5,754,773	05/1998	Ozden			
		5,760,821	06/1998	Ellis et al.			
		5,767,893	06/1998	Chen et al.			
		5,767,896	06/1998	Nemirofsky			
		5,774,186	06/1998	Brodsky			
		5,710,605	01/1998	Nelson			
		Des 328,878	08/1997	Erlin			
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In Re Patent Application

Wachfogel, et al.,

Advanced Television System

Serial No. 09/515,118

Filed: February 28, 2000

PATENT
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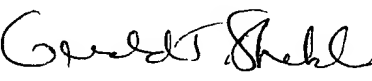
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By 
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Registration No. 27,466

Dated: July 5, 2000
Welsh & Katz, Ltd.
120 South Riverside Plaza, 22nd Floor
Chicago, Illinois 60606
Telephone: 312/655-1500

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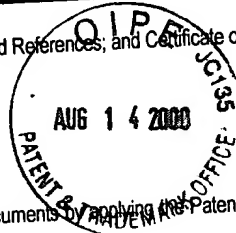
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78746

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application)

Applicant: Wachtfogel, et.al.,)

Serial No.: 09/515,118)

Filed: February 28, 2000)

For: **ADVANCED TELEVISION
SYSTEM**)

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for Patents / Washington DC 20231 on this date
August 9, 2000 [date] *Gerald T. Shekleton*
Gerald T. Shekleton
Registration No. 27,466
Attorney for Applicant(s)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

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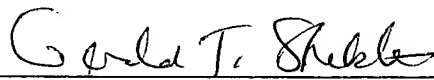
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(Rev. 5/92) Comparable to Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office		Atty. Docket No. 78746		Serial No. 09/515,118	
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Filing Date February 28, 2000				Group			

U.S. PATENT DOCUMENTS							
*Examiner Initial	A	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,986,692	11/16/1999	SYSTEMS AND METHODS FOR COMPUTER ENHANCED BROADCAST MONITORING			
		5,892,536	04/06/1999	SYSTEMS AND METHODS FOR COMPUTER ENHANCED BROADCAST MONITORING			
		5,371,551	12/06/1994	TIME DELAYED DIGITAL VIDEO SYSTEM USING CONCURRENT RECORDING AND PLAYBACK			

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							<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Yes</th> <th style="width: 50%;">No</th> </tr> <tr> <td></td> <td></td> </tr> </table>	Yes	No		
Yes	No										

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Respectfully submitted,

WELSH & KATZ, LTD.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application Of

Wachtfogel et al.

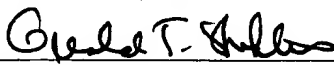
Serial No.: 09/515,118

Filing Date: February 28, 2000

For: **ADVANCED TELEVISION SYSTEM**

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) envelope addressed to: Assistant Commissioner for
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) Date: December 19, 2000

) 
) Gerald T. Shekleton, Reg. No. 27,466

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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Pursuant to 37 C.F.R. §1.97, a list of documents is disclosed on the attached Form PTO-1449 that may be material to the examination of this application. The listed Document is an article and is enclosed herewith.

Documents for which the supplied date of publication lists the year of publication without the month were published sufficiently earlier than the effective U.S. filing date and any foreign priority date, so that the particular month of publication is not in issue. Pursuant to §609 of the MPEP, it is understood that the month of publication is not required when the particular month of publication is not in issue.

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Serial No. 09/515,118

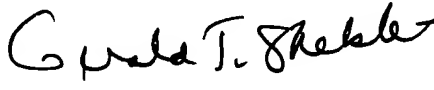
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Respectfully submitted,

WELSH & KATZ, LTD.

By 

Gerald T. Shekleton
Registration No. 27,466

Dated: December 19, 2000
Welsh & Katz, Ltd.
120 South Riverside Plaza, 22nd Floor
Chicago, Illinois 60606
Telephone: 312/655-1500

[illegible][illegible]

	A	What if they're right? , February 12, 1994, The Economist, pp.1-18.

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



In Re Patent Application

Wachfogel, et. al.,

Advanced Television System

Serial NO: 09/515,118 Filed: February 28, 2000

February 22, 2001

PATENT

78746

GTS/RP

Information Disclosure Statement; PTO Form 1449; Cited References; Certificate of Mailing and Postcard

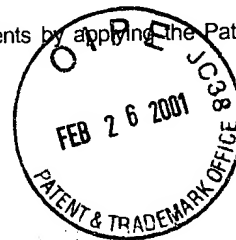
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78746

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application) Art Unit: 2713
)
Applicant: Wachtfogel, et. al.) <i>I hereby certify that this</i>
) <i>correspondence is being deposited</i>
Serial No.: 09/515,118) <i>with the United Postal Service as</i>
) <i>first class mail in an envelope</i>
Filed: February 28, 2000) <i>addressed to: Assistant</i>
) <i>Commissioner of Patents,</i>
For: ADVANCED TELEVISION SYSTEM) <i>Washington, DC 20231, on</i>
) <i>February 22, 2001</i>
)
) 
) <u>Reg. No. 27,466</u>

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

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Respectfully submitted,

By Gerald T. Shekleton
Gerald T. Shekleton
Registration No. 27,466

Dated: February 22, 2001

Enclosures:

WELSH & KATZ, LTD.
120 South Riverside Plaza
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Chicago, Illinois 60606
Telephone: 312/655-1500



In Re Patent Application

Wachfogel, et. al.,

Advanced Television System

Serial NO: 09/515,118

Filed: February 28, 2000

February 28, 2001

Substitute Information Disclosure Statement; PTO Form 1449; Certificate of Mailing and Postcard

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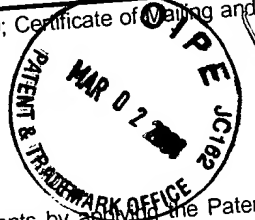
WELSH & KATZ, LTD.

PATENT ✓

78746

GTS/RP

February 28, 2001



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

) Art Unit: 2713

)

Applicant: Wachtfogel, et. al.

) *I hereby certify that this*
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Serial No.: 09/515,118

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Filed: February 28, 2000

) *addressed to: Assistant*
) *Commissioner of Patents,*For: **ADVANCED TELEVISION SYSTEM**) *Washington, DC 20231, on*
) *February 28, 2001*

)

) Reg. No. 27,466SUBSTITUTE INFORMATION DISCLOSURE STATEMENTAssistant Commissioner for Patents
Washington, D.C. 20231

Sir:

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Respectfully submitted,

By Gerald T. Shekleton
Gerald T. Shekleton
Registration No. 27,466

Dated: February 28, 2001

Enclosures:

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120 South Riverside Plaza
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Chicago, Illinois 60606
Telephone: 312/655-1500

(Rev. 5/92) Comparable to Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Atty. Docket No. 78746	Serial No. 09/515,118
	Applicants Wachtfoetl, et.al.,	
	Filing Date February 28, 2001	Group 2713

U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,758,257	05/1998	Herz, et.al.			

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner	Date Considered
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*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



In Re Patent Application

Wachfogel, et. al.,

Advanced Television System

Serial NO: 09/515,118 Filed: February 28, 2000

PATENT ✓

78746

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May 30, 2001

Supplemental Information Disclosure Statement; PTO Form 1449; Cited Reference;
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Wachtfogel, et. al.,

Serial No.: 09/515,118

Filed: February 28, 2000

For: **ADVANCED TELEVISION
SYSTEM**

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Gerald T. Shekleton
Registration No. 27,466
Attorney for Applicant(s)

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.97, a list of documents is disclosed on the attached Form PTO-1449 that may be material to the examination of this application. Applicant avers that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent in a counterpart foreign application, and to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 1.56(c) more than three months prior to the filing of the information disclosure statement.

Documents for which the supplied date of publication lists the year of publication without the month were published sufficiently earlier than the effective U.S. filing date and any foreign priority date, so that the particular month of publication is not in issue. Pursuant to §609 of the MPEP, it is understood that the month of publication is not required when the particular month of publication is not in issue.

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Serial No. 09/515,118

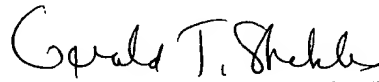
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Respectfully submitted,

By



Gerald T. Shekleton
Registration No. 27,466

Dated: May 30, 2001

WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606
Telephone: 312/655-1500

(Rev. 5/92) Comparable to Form PTO-1449 <div style="text-align: center;"> U.S. Department of Commerce Patent and Trademark Office </div> <div style="text-align: center; margin-top: 20px;"> INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) </div>		Atty. Docket No. <div style="text-align: center; font-size: 1.2em;">78746</div>	Serial No. <div style="text-align: center; font-size: 1.2em;">09/515,118</div>				
		Applicants Wachtfoetl, et.al.,					
		Filing Date February 28, 2001	Group 2713				
U.S. PATENT DOCUMENTS							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	A	5,235,643	08/10/1993	Anderson, et.al.			
		5,819,092	10/06/1998	Ferguson, et.al.,			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	<div style="text-align: center;">Translation</div> <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> Yes No </div>
		EP 0 847 156		Europe			Abs.
		WO 99/45702	09/10/1999	PCT			Abs.
		WO 99/43111	08/26/1999	PCT			Abs.
		EP 0 680 214		Europe			Abs.
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
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In Re Patent Application
Wachfogel, et. al.,
Advanced Television System

Serial NO: 09/515,118

Filed: February 28, 2000

December 17, 2001

Preliminary Amendment; Supplemental Information Disclosure Statement; PTO Form
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78746

PATENT

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In Re U.S. Patent Application

) Art Unit: 2713

Applicant: Wachtfogel, et al.

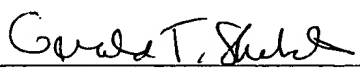
Serial No.: 09/515,118

Filed: February 24, 2000

For: **ADVANCED
SYSTEM****TELEVISION**

Examiner: Not Assigned

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) Gerald T. Shekleton
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)
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By Gerald T. Shekleton

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Registration No. 27,466

Dated: December 17, 2001

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<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO Substitute for form 1449A/PTO and 1449B/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/515,118</td> </tr> <tr> <td>Filing Date</td> <td>February 24, 2000</td> </tr> <tr> <td>First Named Inventor</td> <td>WACHTFOGEL, et al.</td> </tr> <tr> <td>Art Unit</td> <td>2713</td> </tr> <tr> <td>Examiner Name</td> <td>Not Assigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>7251/78746</td> </tr> </table>		Application Number	09/515,118	Filing Date	February 24, 2000	First Named Inventor	WACHTFOGEL, et al.	Art Unit	2713	Examiner Name	Not Assigned	Attorney Docket Number	7251/78746
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First Named Inventor	WACHTFOGEL, et al.																
Art Unit	2713																
Examiner Name	Not Assigned																
Attorney Docket Number	7251/78746																
Sheet	1	of	1														

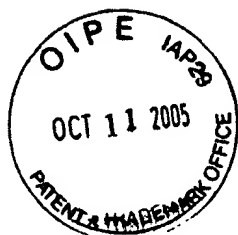
[illegible]

Examiner Signature		Date Considered	
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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

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In Re Patent Application

Wachfogel, et al.,

Advanced Television System

Serial No: 09/515,118 Filed: February 28, 2000

January 28, 2002

Information Disclosure Statement; Form PTO-449; Cited References; Certificate of Mailing and Postcard

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78746

PATENT

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In Re U.S. Patent Application

) Art Unit: 2713
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Applicant: Wachogel, et al.

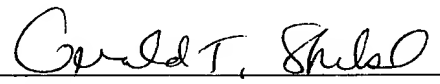
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) 20231, on January 28, 2002
)

Serial No.: 09/515,118

Filed: February 28, 2000

For: **ADVANCED
SYSTEM**

TELEVISION

) 
) Gerald T. Shekleton
) Reg. No. 27,466
)

Examiner: Not Assigned

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

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By Gerald T. Shekleton
Gerald T. Shekleton
Registration No. 27,466

Dated: January 28, 2002

Enclosures: Cited References

WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606
Telephone: 312/655-1500

10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO Substitute for form 1449A/PTO and 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known Application Number 09/515,118 Filing Date February 28, 2000 First Named Inventor WACHFOGEL, et al. Art Unit 2713 Examiner Name Attorney Docket Number 78746	
Sheet	1	of	3

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)	MM-DD-YYYY		
		US-3,341,833	09/12/1967	Jones	
		US-3,645,539	02/29/1972	Jenkins	
		US-3,682,363	08/08/1972	Hull	
		US-4,283,735	08/11/1981	Jagger	
		US-4,319,286	03/09/1982	Hanpachern	
		US-4,408,309	10/04/1983	Kiesling, et al.	
		US-4,430,676	02/07/1984	Johnson	
		US-4,445,195	04/24/1984	Yamamoto	
		US-4,530,048	07/16/1985	Proper	
		US-4,633,331	12/30/1986	McGrady, et al.	
		US-4,706,121	11/10/1987	Young	
		US-4,876,670	10/24/1989	Nakabayashi, et al.	
		US-4,885,775	12/05/1989	Lucas	
		US-4,891,715	01/02/1990	Levy	
		US-4,908,713	03/13/1990	Levine	
		US-4,963,886	10/16/1990	Duncan	
		US-4,963,994	10/16/1990	Levine	
		US-4,963,995	10/16/1990	Lang	
		US-4,977,455	12/11/1990	Young	
		US-4,991,033	02/05/1991	Takeshita	
		US-5,021,893	06/04/1991	Scheffler	
		US-5,038,211	08/06/1991	Hallenbeck	
		US-5,063,453	11/05/1991	Yoshimura, et al.	
		US-4,151,789	09/29/1992	Young	
		US-5,241,428	08/31/1993	Goldwasser, et al.	
		US-5,293,357	03/08/1994	Hallenbeck	
		US-5,371,551	12/06/1994	Logan, et al.	
		US-5,390,027	02/14/1995	Henmi, et al.	
		US-5,440,336	08/08/1995	Buhro, et al.	
		US-5,477,262	12/19/1995	Banker, et al.	
		US-5,479,302	12/26/1995	Haines	
		US-5,508,815	04/16/1996	Levine	
		US-5,508,940	04/16/1996	Rossmere, et al.	
		US-5,557,538	09/17/1996	Retter, et al.	
		US-5,568,272	10/22/1996	Levine	
		US-5,703,997	12/30/1997	Kitamura, et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

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¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO Substitute for form 1449A/PTO and 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/515,118
				Filing Date	February 28, 2000
				First Named Inventor	WACHFOGEL, et al.
				Art Unit	2713
				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	78746

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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In Re Patent Application
Wachfogel, et al.,
Advanced Television System

Serial No: 09/515,118 Filed: February 28, 2000

PATENT ✓

78746

GTS/RP

February 4, 2002

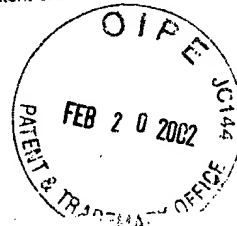
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Respectfully submitted,

WELSH & KATZ, LTD.



78746

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

) Art Unit: 2713
)

Applicant: Wachogel, et al.

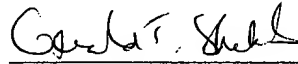
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) Commissioner of Patents, Washington, DC
) 20231, on February 4, 2002
)

Serial No.: 09/515,118

Filed: February 28, 2000

For: **ADVANCED
SYSTEM**

TELEVISION

) 
) Gerald T. Shekleton
) Reg. No. 27,466
)

Examiner: Not Assigned


CORRESPONDENCE

Commissioner for Patents
Washington, D.C. 20231

Sir:

Supplemental to the Information Disclosure Statement filed on January 28, 2002, applicant hereby submits the enclosed corrected Form PTO-1449 amending U.S. Patent No: 4,151,789 to 5,151,789.

Respectfully submitted,

By 

Gerald T. Shekleton
Registration No. 27,466

Dated: February 4, 2002

Enclosures: Cited References

WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606
Telephone: 312/655-1500

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

10/24/2001 W&K Substitute for Form PTO-SB/08A, which is a US PTO Substitute for form 1449A/PTO and 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	09/515,118
		Filing Date	February 28, 2000
		First Named Inventor	WACHFOGEL, et al.
		Art Unit	2713
		Examiner Name	
Sheet	1	of	3
		Attorney Docket Number	78746

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-3,341,833	09/12/1967	Jones	
		US-3,645,539	02/29/1972	Jenkins	
		US-3,682,363	08/08/1972	Hull	
		US-4,283,735	08/11/1981	Jagger	
		US-4,319,286	03/09/1982	Hanpachern	
		US-4,408,309	10/04/1983	Kiesling, et al.	
		US-4,430,676	02/07/1984	Johnson	
		US-4,445,195	04/24/1984	Yamamoto	
		US-4,530,048	07/16/1985	Proper	
		US-4,633,331	12/30/1986	McGrady, et al.	
		US-4,706,121	11/10/1987	Young	
		US-4,876,670	10/24/1989	Nakabayashi, et al.	
		US-4,885,775	12/05/1989	Lucas	
		US-4,891,715	01/02/1990	Levy	
		US-4,908,713	03/13/1990	Levine	
		US-4,963,886	10/16/1990	Duncan	
		US-4,963,994	10/16/1990	Levine	
		US-4,963,995	10/16/1990	Lang	
		US-4,977,455	12/11/1990	Young	
		US-4,991,033	02/05/1991	Takeshita	
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		US-5,038,211	08/06/1991	Hallenbeck	
		US-5,063,453	11/05/1991	Yoshimura, et al.	
		US-5,151,789	09/29/1992	Young	
		US-5,241,428	08/31/1993	Goldwasser, et al.	
		US-5,293,357	03/08/1994	Hallenbeck	
		US-5,371,551	12/06/1994	Logan, et al.	
		US-5,390,027	02/14/1995	Henmi, et al.	
		US-5,440,336	08/08/1995	Buhro, et al.	
		US-5,477,262	12/19/1995	Banker, et al.	
		US-5,479,302	12/26/1995	Haines	
		US-5,508,815	04/16/1996	Levine	
		US-5,508,940	04/16/1996	Rossmere, et al.	
		US-5,557,538	09/17/1996	Retter, et al.	
		US-5,568,272	10/22/1996	Levine	
		US-5,703,997	12/30/1997	Kitamura, et al.	

Examiner Signature		Date Considered	
---------------------------	--	------------------------	--

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¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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In Re Patent Application

Wachfogel, et al.,

Advanced Television System

Serial No: 09/515,118 Filed: February 28, 2000

PATENT

78746

GTS/RP

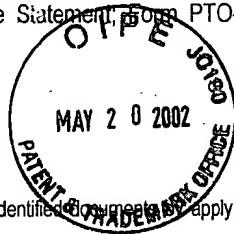
May 14, 2002

Supplemental Information Disclosure Statement, Form PTO-1449; Cited References;
Certificate of Mailing and Postcard

Commissioner for Patents

Sir:

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Respectfully submitted,

WELSH & KATZ, LTD.

78746

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

) Art Unit: 2713

Applicant: Wachogel, et al.


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) 20231, on May 14, 2002

Serial No.: 09/515,118

Filed: February 28, 2000

For: **ADVANCED
SYSTEM**

TELEVISION

) 
) Gerald T. Shekleton
) Gerald T. Shekleton
) Reg. No. 27,466

Examiner: Not Assigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. §1.97, a list of documents is disclosed on the attached Form PTO-1449 that may be material to the examination of this application. Listed documents are foreign patents and cited references that are discussed in the application, and are enclosed herewith.

Documents for which the supplied date of publication lists the year of publication without the month were published sufficiently earlier than the effective U.S. filing date and any foreign priority date, so that the particular month of publication is not in issue. Pursuant to §609 of the MPEP, it is understood that the month of publication is not required when the particular month of publication is not in issue.

No inferences should be drawn that the attached list represents a comprehensive investigation, or that any material disclosed is equivalent to the subject invention. In addition, none of the documents that have publication dates prior to the priority date of the above application anticipate the invention in this application.

The cited document(s) disclose numerous specific features. There has been no attempt to list each and every feature disclosed by each document. The Examiner is requested to review the document(s) and determine the extent of the materiality of the document disclosures with respect to the present invention.

The discussion of any art and the citation of any document(s) herein is not to be construed as an admission that the art or document disclosure is necessarily within the invention field of endeavor, that the art or document disclosure is necessarily prior in time to a particular date which may be relevant to the instant patent application, and/or that the art or document disclosure is otherwise necessarily prior art as defined by the patent law with respect to the instant invention and application.

Also, there is reserved the right to later set forth how the instant invention is distinguished over the disclosure of any document or other art, including the disclosures of the art and document(s) recited herein, that may be cited by the Examiner in rejecting a claim in the instant patent application. The recitation herein of the art and document(s) is not to be construed as an assertion that more pertinent art could not possibly be in existence.

Respectfully submitted,

By Gerald T. Shekleton

Gerald T. Shekleton
Registration No. 27,466

Dated: May 14, 2002

Enclosures: Cited References

WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606
Telephone: 312/655-1500

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[illegible]

Examiner Signature		Date Considered	
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¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 01 20 4250

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	WO 97 50250 A (BREITHAUP T ROBERT W ; VISTAR TELECOMMUNICATIONS INC (CA); ROSCOE OR) 31 December 1997 (1997-12-31) * page 3, line 5-18 *	1-12	G11B20/00 G11B27/10 H04N5/44
X	US 4 930 158 A (VOGEL PETER S) 29 May 1990 (1990-05-29) * the whole document *	1-12	
X	US 5 552 837 A (MANKOVITZ ROY J) 3 September 1996 (1996-09-03) * column 10, line 43-50 *	1-12	
X	WO 97 06531 A (SONY CORP ; KAWAMURA MAKOTO (JP); FUJINAMI YASUSHI (JP); HAAN WIEBE) 20 February 1997 (1997-02-20) * page 65, line 7 - page 68, line 18 *	1-12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			G11B H04N
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		14 February 2002	Mourik, J
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document			
T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 20 4250

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

14-02-2002

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9750250	A	31-12-1997	AU	3162497 A	14-01-1998
			WO	9750250 A1	31-12-1997
			EP	0914744 A1	12-05-1999
			JP	2000512463 T	19-09-2000
US 4930158	A	29-05-1990	AU	611710 B2	20-06-1991
			GB	2209417 A , B	10-05-1989
			GB	2209427 A , B	10-05-1989
			US	4930160 A	29-05-1990
US 5552837	A	03-09-1996	US	5559550 A	24-09-1996
WO 9706531	A	20-02-1997	AU	714628 B2	06-01-2000
			AU	6630496 A	05-03-1997
			BR	9606567 A	30-12-1997
			CA	2200346 A1	20-02-1997
			CN	1213832 A	14-04-1999
			EP	0784848 A1	23-07-1997
			WO	9706531 A1	20-02-1997
			JP	9106631 A	22-04-1997

P.B.5818 - Patentaan 2
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☎ +31 70 340 2040
TX 31651 epo nl
FAX +31 70 340 3018

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Département à
La Haye
Division de la
recherche

White, Duncan Rohan
Edward Evans Barker
One London Road
Staines,
Middlesex TW18 4EX
GRANDE BRETAGNE

Datum/Date

21.02.02

Zeichen/Ref./Réf.

P01/222

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

01204250.3-2202-

Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire

NDS Limited

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1B

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





U.S. Patent Application
Wachtfogel et al.
Serial No.: 09/515,118; Filed 24 Feb. 2000
Advanced Television System
Transmittal Form with Certificate of Mailing; Supplemental Preliminary
Amendment; Information Disclosure Statement (2 pgs); Form PTO 1449;
Copies of Listed Documents; Certificate of Mailing

Welsh & Katz Ref. No:
7251/78746

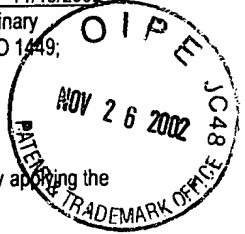
11/13/2002

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LF:mmm

Respectfully,
Welsh & Katz, Ltd.



PATENT
7251/78746

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wachtfogel et al.

Serial No.: 09/515,118

Filed: 24 February 2000

For: Advanced Television System

Group No.: 2713

Examiner: Not Yet Known

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Supreme M. M. Mattingly
Date: 13 November 2002

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir or Madam:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants submit a list of documents, general remarks, an attached Form PTO-1449, and an enclosed copy of each of this listed documents.

<u>U.S. Patent No.</u>	<u>Date of Issue</u>	<u>Patentee(s)</u>
4,930,158	29 May 1990	Vogel
5,701,383	23 Dec. 1997	Russo et al.

<u>EP Application No.</u>	<u>Date of Publication</u>
0 584 991 A2	2 Mar. 1994

Other Publication

Ceccarelli, M.P.; "Metadata for Broadcasting" (MPEG-7 Workshop, XP-002117667, 1998)

Each of the above-listed publications was identified in a foreign search report in connection with a foreign application which is a counterpart to the captioned application. It is respectfully requested that they be given consideration by the Examiner and made of record in the captioned patent application. The foreign search report (sent on 15 October 2002 in connection with Application EP 02 00 0773) is enclosed.

Respectfully submitted,

WELSH & KATZ, LTD.

By



L. Friedman
Reg. No. 37,135

13 November 2002
WELSH & KATZ, LTD.
120 South Riverside Plaza
22nd Floor
Chicago, Illinois 60606
Phone: (312) 655-1500
Fax: (312) 655-1501

Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7251/78746	Serial No. 09/515,118
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.	
				Filing Date 2 Feb. 2000	Group No. 2713

U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,930,158	29 May 1990	Vogel			
		5,701,383	23 Dec. 1997	Russo et al.			

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		0 584 991 A2	2 Mar. 1994	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

Examiner	Date Considered
----------	-----------------

*Examiner:	Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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U.S. Patent Application

Applicant: Wachtfogel et al.

Serial No.: 09/515,118, Filed 02/24/2000

Express Mail No. EV 045459940 US

Welsh & Katz Ref. No:
7251/78746

21 January 2003

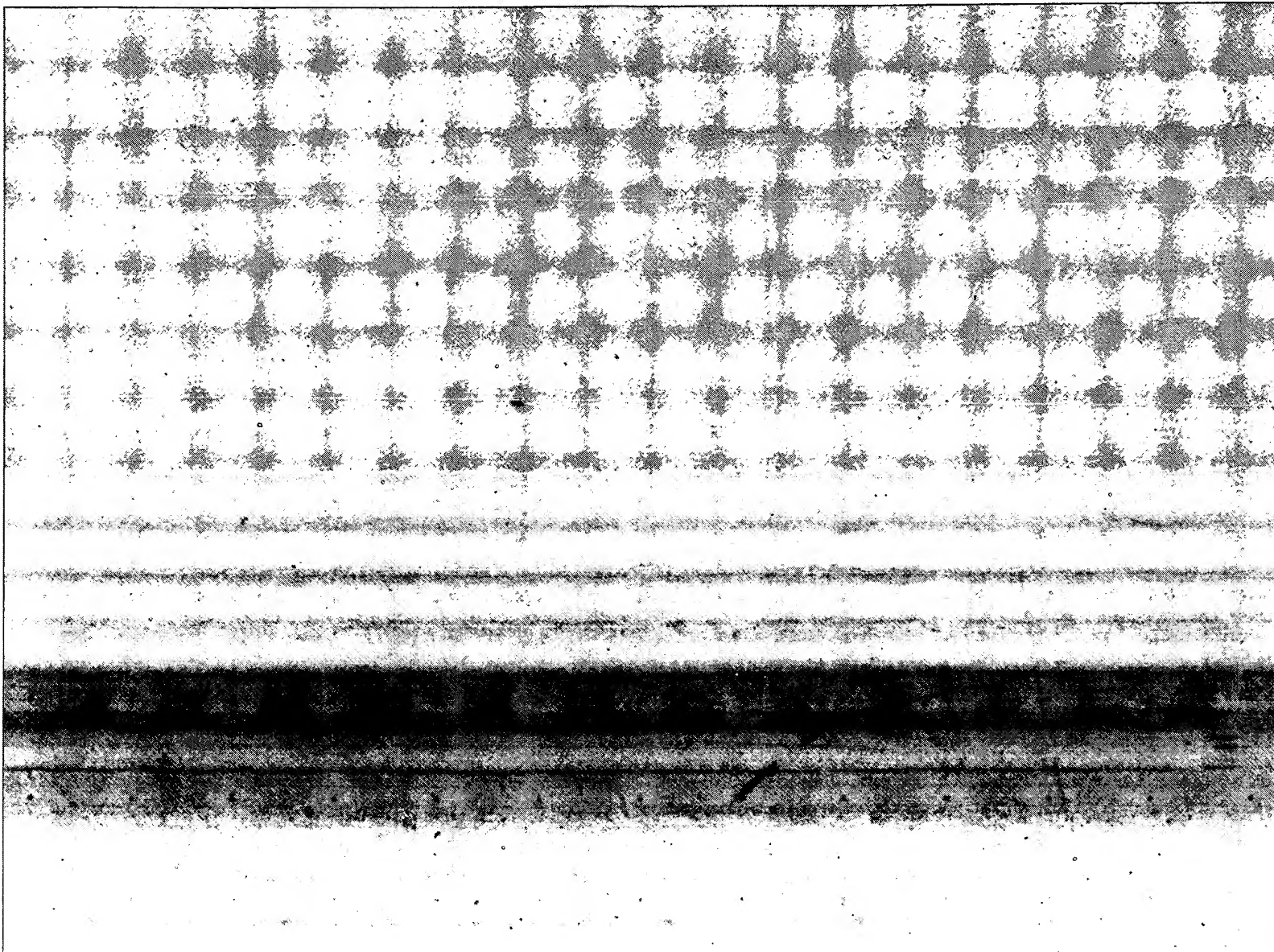
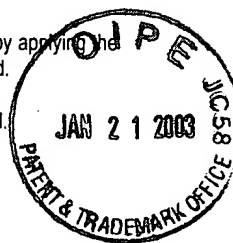
Supplemental Information Disclosure Statement (5 pgs) with certificate of mailing; Form PTO-1449 (4 pgs); copy of each listed document

Sir or Madam:

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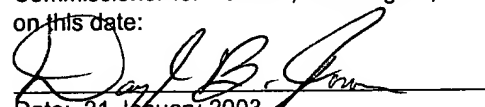
Respectfully,
Welsh & Katz, Ltd.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wachtfogel et al.)
Serial No.: 09/515,118)
Filed: 24 February 2000)
For: ADVANCED)
TELEVISION SYSTEM)
Group No.: 2713)
Examiner: Not Yet Assigned)

I hereby certify that this paper is being deposited with the United States Postal Service as Express Mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on this date:


Date: 21 January 2003
Express Mail No. EV 045459940 US

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir or Madam:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants submit a list of documents, general remarks, an attached Form PTO-1449, and an enclosed copy of each listed document.

<u>U.S. Patent No.</u>	<u>Date of Issue</u>	<u>Inventor</u>
4,602,279	07/22/1986	Freeman
5,223,924	06/29/1993	Strubbe
5,353,121	10/04/1994	Young et al.

5,479,266	12/26/1995	Young et al.
5,479,268	12/26/1995	Young et al.
5,524,195	06/04/1996	Clanton et al.
5,534,911	07/09/1996	Levitan
5,550,576	08/27/1996	Klosterman
5,659,366	08/19/1997	Kerman
5,664,046	09/02/1997	Abecassis
5,717,923	02/10/1998	Dedrick
5,721,827	02/24/1998	Logan et al.
5,737,029	04/07/1998	Ohkura et al.
5,793,438	08/11/1998	Bedard
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5,867,799	02/02/1999	Lang et al.
5,940,073	08/17/1999	Klosterman et al.
5,945,988	08/31/1999	Williams et al.
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5,991,735	11/23/1999	Gerace
6,020,883	02/01/2000	Herz et al.
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6,078,348	06/20/2000	Klosterman et al.
6,088,722	07/11/2000	Herz et al.

6,119,098	09/12/2000	Guyot et al.
6,128,009	10/03/2000	Ohkura et al.
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6,151,059	11/21/2000	Schein et al.
6,247,176	06/12/2001	Schein et al.
6,286,140 B1	09/04/2001	Ivanyi
6,405,370 B1	06/11/2002	Jarrell
6,438,752 B1	08/20/2002	McClard

<u>U.S. Patent Application</u>	<u>Date of Publication</u>	<u>Inventor</u>
2001/0007147 A1	5 Jul. 2001	Goldschmidt Iki et al.
2002/0053084 A1	2 May 2002	Escobar et al.
2002/0056098 A1	9 May 2002	White
2002/0059094 A1	16 May 2002	Hosea et al.
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2002/0077880 A1	20 Jun. 2002	Gordon et al.
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2002/0100046 A1	25 Jul. 2002	Dudkiewicz

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2002/0104087 A1	1 Aug. 2002	Schaffer et al.
2002/0116710 A1	22 Aug. 2002	Schaffer et al.
2002/0120943 A1	29 Aug. 2002	Seto et al.


<u>Foreign Patent Publication</u>	<u>Date of Publication</u>	<u>Country</u>
WO 90/00847	01/25/1990	PCT
WO 91/07050	05/16/1991	PCT
WO 92/04801	03/19/1992	PCT
WO 95/31069	11/16/1995	PCT
WO 98/08192	02/26/1998	PCT

General Remarks

Application Ser. No. 09/242,871 is a currently pending application with inventorship partially in common with the captioned application, and which the captioned application incorporates by reference. All of the documents listed above were previously identified in and submitted with an information disclosure statement which was filed for Ser. No. 09/242,871 or identified by the examiner in connection with that application, and it is prudent to identify them in an information disclosure statement in the captioned application.

It is respectfully requested that each of the above-listed documents be given consideration by the Examiner and made of record in the captioned patent application.

Respectfully submitted,


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21 January 2003
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Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7251/78746	Serial No. 09/515,118		
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.			Filing Date 24 February 2000
				Group No. 2713			
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		4,602,279	07/22/1986	Freeman			
		5,223,924	06/29/1993	Strubbe			
		5,353,121	10/04/1994	Young et al.			
		5,479,266	12/26/1995	Young et al.			
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		5,550,576	08/27/1996	Klosterman			
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		5,737,029	04/07/1998	Ohkura et al.			
		5,793,438	08/11/1998	Bedard			
		5,801,747	09/01/1998	Bedard			
		5,867,799	02/02/1999	Lang et al.			
		5,940,073	08/17/1999	Klosterman et al.			
		5,945,988	08/31/1999	Williams et al.			
		5,973,683	10/26/1999	Cargun et al.			
Examiner				Date Considered			
<p>*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>							

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		5,991,735	11/23/1999	Gerace			
		6,020,883	02/01/2000	Herz et al.			
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		6,078,348	06/20/2000	Klosterman et al.			
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		6,128,009	10/03/2000	Ohkura et al.			
		6,133,909	10/17/2000	Schein et al.			
		6,151,059	11/21/2000	Schein et al.			
		6,247,176	06/12/2001	Schein et al.			
		6,286,140 B1	09/04/2001	Ivanyi			
		6,405,370 B1	06/11/2002	Jarrell			
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		2001/0007147 A1	5 Jul. 2001	Goldschmidt lki et al.			
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		2002/0120943 A1	29 Aug. 2002	Seto et al.			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner				Date Considered			
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				Filing Date 24 February 2000	Group No. 2713			
FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		WO 90/00847	01/25/1990	PCT				
		WO 91/07050	05/16/1991	PCT				
		WO 92/04801	03/19/1992	PCT				
		WO 95/31069	11/16/1995	PCT				
		WO 98/08192	02/26/1998	PCT				
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U.S. Patent Application

Applicant: Wachtfogel et al.

Serial No.: 09/515,118, Filed 02/24/2000

Welsh & Katz Ref. No:

7251/78746

13 May 2003

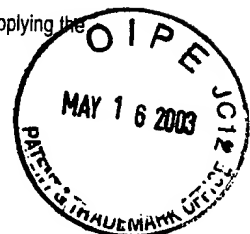
Supplemental Information Disclosure Statement (2 pgs) with certificate of mailing; Form PTO-1449 (1 pg); copy of each listed document

Sir or Madam:

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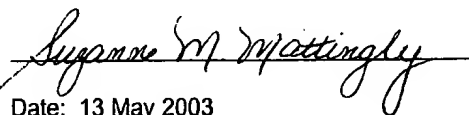
Respectfully,
Welsh & Katz, Ltd.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wachtfogel et al.)
Serial No.: 09/515,118)
Filed: 24 February 2000)
For: ADVANCED)
TELEVISION SYSTEM)
Group No.: 2713)
Examiner: Not Yet Assigned)

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Date: 13 May 2003

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir or Madam:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants submit a list of documents, general remarks, an attached Form PTO-1449, and an enclosed copy of each listed document.


<u>U.S. Patent No.</u>	<u>Date of Issue</u>	<u>Inventor</u>
5,491,795	02/13/1996	Beaudet et al.
6,446,261	09/03/2002	Rosser

General Remarks

Application Ser. No. 09/242,871 is a currently pending application with inventorship partially in common with the captioned application, and which the captioned application incorporates by reference. All of the documents listed above were recently identified by the examiner in connection with that application, and it is prudent to identify them in an information disclosure statement in the captioned application.

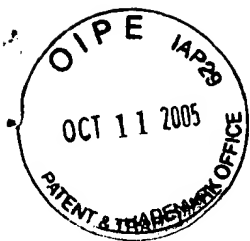
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Respectfully submitted,


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Reg. No. 37,135

13 May 2003
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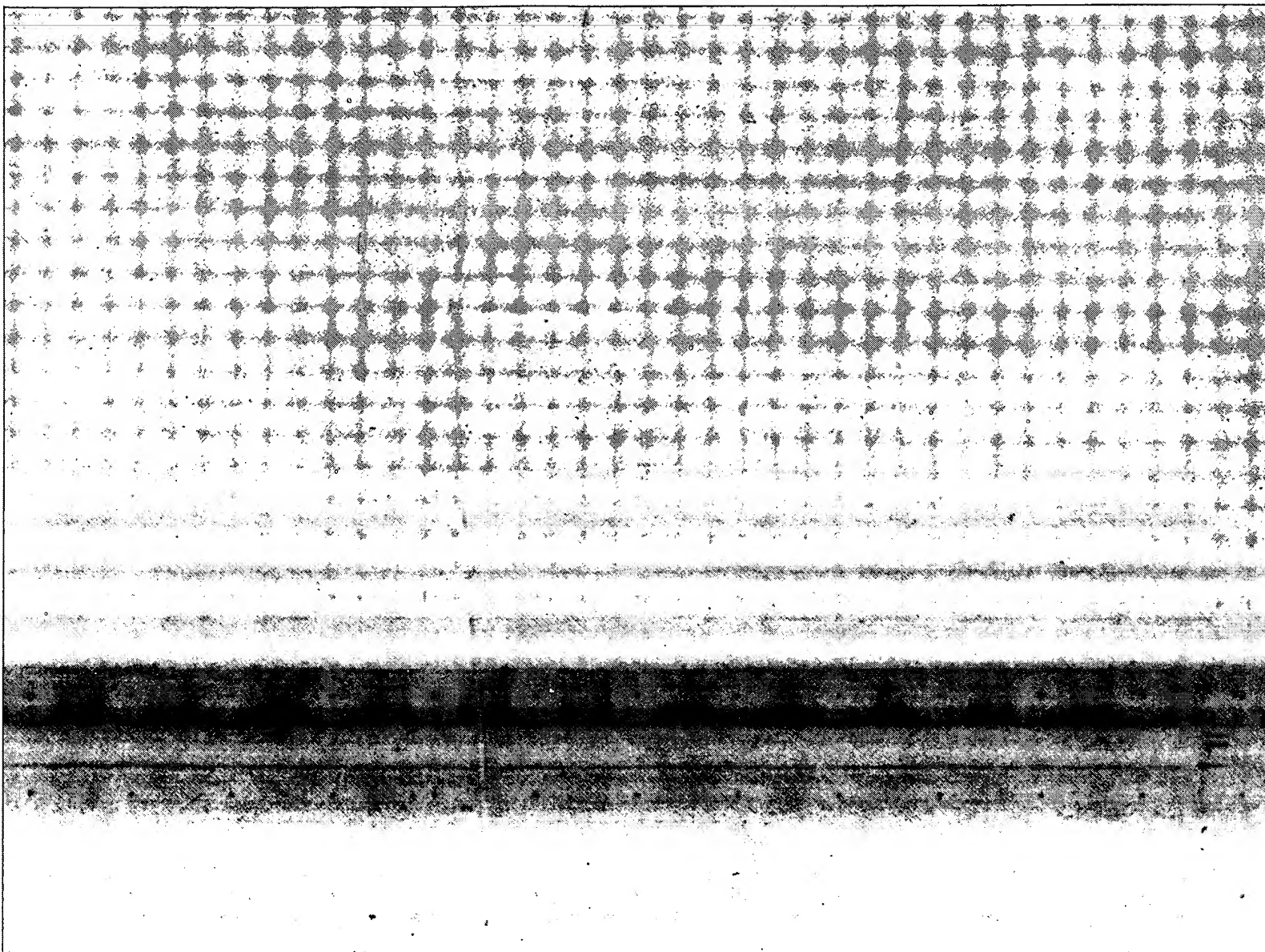
Form PTO-1449 (Rev. 8-88)		U.S. Department of Commerce Patent and Trademark Office		Attorney Docket No. 7251/78746	Serial No. 09/515,118		
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				Filing Date 24 February 2000		Group No. 2713	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,491,795	02/13/1996	Beaudet et al.			
		6,446,261	09/03/2002	Rosser			
Examiner				Date Considered			
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U.S. Patent Application
Wachtfogel et al.
Serial No.: 09/515,118; Filed 24 Feb. 2000
Advanced Television System

Welsh & Katz Ref. No:
7251/78746
9/8/2004

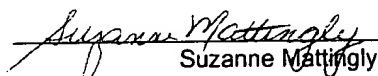
Transmittal Form with Certificate of Mailing (1 pg); Supplemental Information
Disclosure Statement (2 pgs); Form PTO 1449 (1 pg); Copy of Listed Document;
Certificate of Mailing



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wachtfogel et al.)
Serial No.: 09/515,118)
Filed: 24 February 2000)
For: ADVANCED)
TELEVISION SYSTEM)
Examiner: Hai V. Tran)
Art Unit: 2611)

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Suzanne Mattingly

Date: 8 September 2004

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir or Madam:

In accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants submit a list of documents, general remarks, an attached Form PTO-1449, and copy of the document listed.

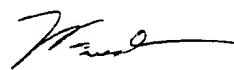
<u>U.S. Patent No.</u>	<u>Date of Issue</u>	<u>Inventor</u>
5,621,456	15 Apr. 1997	Florin et al.

The above-listed document was cited by the EPO in connection with prosecution of a corresponding foreign application. It is respectfully requested that the above-listed document be given consideration by the Examiner and made of record in the captioned patent application.

Respectfully submitted,

WELSH & KATZ, LTD.

By



L. Friedman

Reg. No. 37,135

8 September 2004
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INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				Applicant Wachtfogel et al.			
				Filing Date 24 February 2000		Group No. 2611	
U.S. PATENT DOCUMENTS							
Examiner Initial*		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
		5,621,456	15 Apr. 1997	Florin et al.			
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
							Yes No
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Examiner			Date Considered				
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							